

United States Department of Agriculture



National Resources Conservation Service
1415 North Broadway Indianapolis, IN

June

TO: SOI -First Amendment to the Classification and Correlation of the
Soils of Whitley County, Indiana

David Neely
State Soil Scientist/MLRA R-1 1 Team Leader
Indianapolis, IN

FILE CODE:

There are four copies of the First Amendment to the Classification and Correlation Memorandum
for Whitley County, Indiana.

The amendment results from archiving the Whitley County Soil Survey on line at the Soils Data
Mart to the Keys to Soil Taxonomy, 9th Edition, 2003. The data has been archived online at
at <http://soildatamart.nrcs.usda.gov/Survey.aspx?County=IN183>.

A handwritten signature in dark ink that reads "E. Hardisty".
E. HARDISTY

State Soil Scientist
Indianapolis, IN

Enclosures

Commie L. Parham, Dir., National Cartography and GIS Center, NRCS, Ft Worth, TX
1415 North Broadway, National Soil Survey Center, MS 41, NRCS, Lincoln, NE

**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE**

***MLRA REGION 11
Indianapolis, Indiana 46278***

**FIRST AMENDMENT to the
APRIL 1985 CLASSIFICATION AND CORRELATION of
the SOILS of WHITLEY COUNTY, INDIANA**

JUNE 2005

Amendment results from digitizing the Whitley County Soil Survey, the update of the database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 1

Addition

Map Unit Symbol and Name: W - Water

Map unit symbol name "W - Water" for water areas less than 40 acres in size and less than 40 acres in size.

Change

Approved map unit name for the "We" map unit: From:

Wet silty clay loam, coprogenous earth substratum To: Wallkill

Wet silty clay loam, coprogenous earth substratum

• Replace the 37A dated 11/84, with the attached Indiana Official 37A for Completion, and DMF, Revised June 30, 2004.

Following standard soil survey features will be shown on the legend and placed on soil maps:

Name

Description

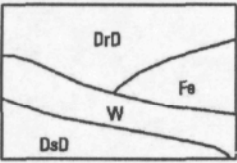

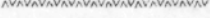


















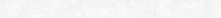

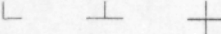






Name	<u>Description</u>
Sandy spot	A spot where the surface layer is loamy fine sand or coarser in a map unit where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2 acres.
Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

Following ad hoc features will be shown on the legend and placed on the digitized soil map.

<u>Symbol ID</u>	<u>Name</u>	<u>Description</u>
	Wet depression	A shallow, concave area within poorly or very poorly drained soils that ponds water for intermittent periods. The soil is saturated for appreciably longer periods of time than the surrounding soil. Typically 0.2 to 2 acres.
	Muck spot	An area within a poorly drained or very poorly drained soil that has a histic epipedon or where the surface layer is muck. The spot symbol is used only in map units containing mineral soil. Typically 0.2 to 2 acres.
	Small dam	Small, earthen dam. Typically 0.2 to 2 acres.
	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year.

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

Date: _____

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
SOIL SURVEY FEATURES		CULTURAL FEATURES (Optional)		HYDROGRAPHIC FEATURES (Optional)	
CONTINENTATIONS AND LABELS  LANDFORM AND EQUOUS SURFACE FEATURES escarpment rock escarpment steep slope pit depression spot swamp quarry outcrop spot eroded spot slip sea pot ny spot pt	               	BOUNDARIES National, state or province County or parish Minor civil division Reservation (Military) Land grant (Optional) Field sheet matchline and neatline Public Land Survey System Section Corner Tics GEOGRAPHIC COORDINATE TICK ROAD EMBLEMS Interstate Federal State LOCATED OBJECTS Airport (Label only)	          	Drainage end (Indicates direction of flow) Unclassified stream	 

0 -- Replace the Classification of the Soils table with the following: Whitley

Soil Classification table amended per Soil Taxonomy 9th edition.

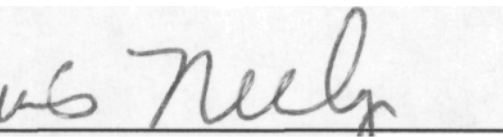
in the first column indicates a taxadjunct to the series. See te
of those characteristics that are outside the range of the series

l name Family or higher taxonomic cl

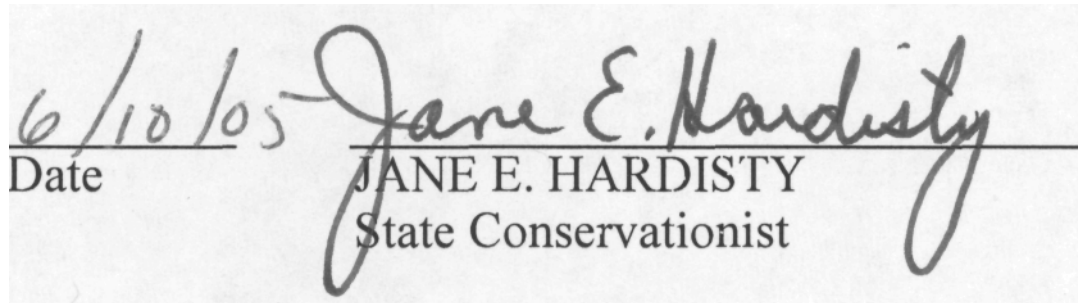
----- Sandy or sandy-skeletal, mixed, euic, mesic Terric
Haplosaprists
----- Fine, illitic, mesic Aerie Epiqualfs
----- Euic, mesic Typic Haplohemists
----- Coarse-loamy, mixed, superactive, mesic Typic Haplu
----- Fine-loamy, mixed, superactive, mesic Typic Argia
----- Fine, mixed, superactive, nonacid, mesic Aerie Flu
----- Fine-loamy, mixed, active, mesic Aerie Epiqualfs
----- Fine, illitic, mesic Aerie Epiqualfs
----- Fine, illitic, mesic Aquic Hapludalfs
----- Sandy, mixed, mesic Typic Endoaquolls
----- Fine-loamy, mixed, active, mesic Aerie Epiqualfs
----- Fine-loamy, mixed, active, mesic Typic Eutrudepts
----- Fine-loamy over sandy or sandy-skeletal, mixed, ac
Aeric Endoaqualfs
----- Euic, mesic Typic Haplosaprists
----- Fine-loamy, mixed, active, mesic Typic Hapludalfs
e----- Fine-loamy, mixed, active, mesic Typic Hapludalfs
----- Fine-silty, carbonatic, mesic Histic Humaquepts
----- Fine-loamy, mixed, active, mesic Mollic Epiqualfs
----- Fine-loamy, mixed, active, mesic Oxyaquic Hapludal
----- Fine, mixed, superactive, mesic Typic Endoaquolls
----- Fine, illitic, mesic Oxyaquic Hapludalfs
----- Coprogenous, euic, mesic Limnic Haplosaprists
----- Loamy, mixed, active, mesic Arenic Hapludalfs
----- Coarse-loamy, mixed, active, mesic Typic Hapludalf
----- Loamy, mixed, euic, mesic Terric Haplosaprists
----- Fine, mixed, active, mesic Typic Argiaquolls

**Y COUNTY, INDIANA
MENT NO. 1**

Approval Signatures

A handwritten signature in dark ink, appearing to read "David Neely", written over a horizontal line.

NEELY
Scientist/MLRA Leader

A handwritten signature in dark ink, appearing to read "Jane E. Hardisty", written over a horizontal line. To the left of the signature, the date "6/10/05" is handwritten.

Date

JANE E. HARDISTY
State Conservationist